

1 1. (currently amended) A computer controlled display system
2 for tracking the development of ~~complex~~ software products
3 having a plurality of developmental lines comprising:
4 means for setting in each of said plurality of
5 developmental lines, a sequence of checkpoints;
6 means for tracking each of said developmental lines to
7 determine the reached checkpoints; and
8 means for simultaneously displaying said plurality of
9 developmental lines and indicating said reached checkpoints.

1 2. (original) The computer controlled display system of
2 claim 1 further including:
3 means for modifying said developmental lines and said
4 checkpoints; and
5 means for displaying said modifications.

1 3. (original) The computer controlled display system of
2 claim 2 further including means for displaying at each of
3 said checkpoints, a set of developmental attributes for said
4 checkpoint.

1 4. (original) The computer controlled display system of
2 claim 3 further including:
3 means for modifying said developmental attributes for
4 each of said checkpoints; and
5 means for displaying said modifications at each of said
6 checkpoints.

1 5. (original) The computer controlled display system of
2 claim 3 wherein said developmental attributes include
3 actions performed in said software product development.

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1 6. (original) The computer controlled display system of
2 claim 5 wherein said means for modifying said actions switch
3 said actions to other of said developmental lines.

1 7. (original) The computer controlled display system of
2 claim 2 wherein:

3 said means for tracking are remote from said means for
4 displaying,

5 and said system further includes:

6 means for storing, in association with said means for
7 displaying, the data tracked by said means for tracking; and

8 means for communicating the data tracked to said means
9 for storing.

1 8. (currently amended) A method for tracking the development
2 of ~~complex~~ software products having a plurality of
3 developmental lines on a computer controlled display
4 comprising:

5 setting in each of said plurality of developmental
6 lines, a sequence of checkpoints;

7 tracking each of said developmental lines to determine
8 the reached checkpoints; and

9 simultaneously displaying said plurality of
10 developmental lines and indicating said reached checkpoints.

1 9. (original) The method for tracking of claim 8 further
2 including the steps of:

3 modifying said developmental lines and said
4 checkpoints; and

5 displaying said modifications.

1 10. (original) The method for tracking of claim 9 further
2 including the step of displaying at each of said
3 checkpoints, a set of developmental attributes for said
4 checkpoint.

1 11. (original) The method for tracking of claim 10 further
2 including the steps of:
3 modifying said developmental attributes of a plurality
4 of said checkpoints; and
5 displaying said modifications at each of said modified
6 checkpoints.

1 12. (original) The method for tracking of claim 10 wherein
2 said developmental attributes include actions performed in
3 said software product development.

1 13. (original) The method for tracking of claim 12 wherein
2 said step of modifying said actions switches said actions to
3 other of said developmental lines.

1 14. (original) The method for tracking of claim 9 wherein:
2 said step of tracking is carried out remote from said
3 displaying step,
4 and further including the steps of:
5 storing, in association with said displaying step, the
6 data tracked in said tracking step; and
7 communicating the data tracked to said storing step.

15-21 (cancelled).

1 22. (previously presented) A computer controlled display
2 system for tracking the building of a program product from a
3 functional implementation stage to a complete integrated
4 program product comprising:
5 a plurality of developmental lines respectively
6 corresponding to each of a plurality of program components
7 to be integrated into said complete program product;
8 means for setting in each of said plurality of
9 developmental lines, a sequence of checkpoints;
10 means for tracking each of said developmental lines to
11 determine the reached checkpoints; and
12 means for simultaneously displaying said plurality of
13 developmental lines and indicating said reached checkpoints.

1 23. (original) The computer controlled display system of
2 claim 22 further including means for displaying at each of
3 said checkpoints, a set of attributes for said checkpoint
4 related to the compatibility functions of said checkpoint
5 line.

1 24. (original) The computer controlled display system of
2 claim 23 further including:
3 means for modifying said attributes for each of said
4 checkpoints; and
5 means for displaying said modifications at each of said
6 checkpoints.

1 25. (previously presented) A method for tracking, on a
2 computer controlled display, the building of a program
3 product from a functional implementation stage to a complete
4 integrated program product comprising:
5 setting up a plurality of developmental lines
6 respectively corresponding to each of a plurality of program
7 components to be integrated into said complete program
8 product;
9 setting up in each of said plurality of developmental
10 lines, a sequence of checkpoints;
11 tracking each of said developmental lines to determine
12 the reached checkpoints; and
13 simultaneously displaying said plurality of
14 developmental lines and indicating said reached checkpoints.

1 26. (original) The method for tracking of claim 25 further
2 including the step of displaying at each of said
3 checkpoints, a set of attributes for said checkpoint related
4 to the compatibility functions of said checkpoint line.

1 27. (original) The method for tracking of claim 26 further
2 including the steps of:
3 modifying said attributes for each of said checkpoints;
4 and
5 displaying said modifications at each of said
6 checkpoints.

28-30 (cancelled).

1 31. (currently amended) A method for tracking the
2 development of ~~complex~~-software products having a plurality
3 of developmental lines on a computer controlled display
4 comprising:
5 setting in each of said plurality of developmental
6 lines, a sequence of checkpoints;
7 tracking each of said developmental lines to determine
8 the reached checkpoints;
9 modifying said developmental lines and said checkpoints
10 including the switching of an action required at the
11 checkpoint to a checkpoint in another developmental line;
12 simultaneously displaying, remote from said tracking,
13 said plurality of developmental lines indicating said
14 reached checkpoints, and modifications to said developmental
15 lines and said checkpoints;
16 storing, in association with said displaying step, the
17 data tracked in said tracking step; and
18 communicating the data tracked to said storing step.

1 32. (new) A computer program comprising a computer useable
2 medium having a computer readable program for tracking the
3 development of software products having a plurality of
4 developmental lines on a computer controlled display,
5 wherein the computer readable program when executed on a
6 computer causes the computer to:
7 set in each of said plurality of developmental lines, a
8 sequence of checkpoints;
9 track each of said developmental lines to determine the
10 reached checkpoints; and
11 simultaneously display said plurality of developmental
12 lines and indicating said reached checkpoints.

1 33. (new) The computer program claim 32 wherein said
2 computer program when executed further causes the computer
3 to:
4 modify said developmental lines and said checkpoints;
5 and
6 displaying said modifications.

1 34. (new) The computer program of claim 33 wherein said
2 computer program when executed further causes the computer
3 to display, at each of said checkpoints, a set of
4 developmental attributes for said checkpoint.

1 35. (new) The computer program of claim 34 wherein said
2 computer program when executed further causes the computer
3 to:
4 modify said developmental attributes of a plurality of
5 said checkpoints; and
6 display said modifications at each of said modified
7 checkpoints.

1 36. (new) The computer program of claim 24 wherein said
2 developmental attributes include actions performed in said
3 software product development.

1 37. (new) The computer program of claim 36 wherein by said
2 modifying said actions, the computer program causes the
3 computer to switch said actions to an other of said
4 developmental lines.

1 38. (new) The computer program of claim 33 wherein the
2 computer program when executed, causes the computer to:
3 track developmental lines remote from said display;
4 store, tracked data, in association with said display;
5 and
6 communicating the data tracked to be stored.

7 39. (new) A computer program comprising a computer useable
8 medium having a computer readable program for tracking, on a
9 computer controlled display, for the building of a program
10 product from a functional implementation stage to a complete
11 integrated program product, wherein the computer readable
12 program when executed on a computer causes the computer to:
13 set up a plurality of developmental lines respectively
14 corresponding to each of a plurality of program components
15 to be integrated into said complete program product;
16 set up in each of said plurality of developmental
17 lines, a sequence of checkpoints;
18 track each of said developmental lines to determine the
19 reached checkpoints; and
20 simultaneously display said plurality of developmental
21 lines and indicate said reached checkpoints.

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1 40. (new) The computer program of claim 39 wherein said
2 computer program when executed further causes the computer
3 to display at each of said checkpoints, a set of attributes
4 for said checkpoint related to the compatibility functions
5 of said checkpoint line.

1 41. (new) The computer program of claim 40 wherein the
2 computer program when executed further causes the computer
3 to:
4 modify said attributes for each of said checkpoints;
5 and
6 display said modifications at each of said checkpoints.